Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 23 Mar 2021 until 23:59 on Wednesday 24 Mar 2021

Forecast Issued on Monday 22 Mar 2021 at 15:20

Confidence: High confidence in a change of weather type later in the week back to cold wintery conditions on the hills. Also high confidence for strong winds or gales throughout the forecast. Lower confidence for cloud amounts on Tuesday and Wednesday.

Headline for Tuesday 23 Mar 2021: Strong winds in the afternoon, cloudy with some drizzle or light rain possible.

Mountain weather hazards on Tuesday 23 Mar 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Dull	Dull	Sunny intervals	Cloudy	Dull	Dull
Precipitation probability							
10%	10%	10%	10%	10%	10%	20%	20%

Forecast for Tuesday 23 Mar 2021

Weather: Mainly cloudy overnight but generally dry. A cloudy day with a few outbreaks of drizzle where the cloud thickens in the west of the Peak District, best conditions to be found in the east where there may be a few bright or sunny spells. Some rain is expected later in the evening.

Chance of cloud free mountain/hill tops above 600m: 60%, perhaps 70% further northeast in the area.

Visibility: Visibility will be quite poor at times on the tops in any drizzle. In the west cloud bases will be around 600m, in the northeast cloud will be patchier but often shroud the tops but also some long cloud free breaks for the tops during the day. In drizzle, visibility will be poor for a time and good navigation aids may be required.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 23 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/14 SW	14/18 SW	17/24 SW	21/28 SW	23/32 SW	26/36 SW	25/35 SW	24/35 SW	22/32 SW
300	6/8 SW	7/12 SW	9/16 SW	14/20 SW	16/25 SW	19/29 SW	16/26 SW	16/27 SW	16/26 SW
Valley	3/9 SW	5/12 SW	6/16 SW	10/20 SW	13/24 SW	15/29 SW	12/25 SW	11/26 SW	11/24 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-1	2/-3	2/-4	2/-4	4/-2	5/-1	5/-1	4/-2	4/-2
300	5/3	4/2	4/1	5/0	6/2	8/4	7/3	6/2	6/2
Valley	6/5	5/3	4/2	6/2	8/4	9/5	8/5	7/4	7/4
Freezing Level*	1000m	900m	800m	800m	1000m	1200m	1200m	1200m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A significant wind chill as winds strengthen during the morning with strong gusts on the highest tops in the afternoon. Freezing level mainly above the summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 22 Mar 2021	0mm	0mm	0mm

Forecast for Wednesday 24 Mar 2021

Weather: Generally a bright and breezy day but feeling cooler. Some sunny intervals are likely but cloudy at times too and a few showers are possible.

Maximum wind: Southwesterly 20mph with gusts 30mph.

Chance of cloud free mountain/hill tops above 600m: 80-90% most cloud will be well above the summits.

Visibility: Generally very good visibility with far reaching views but there will be patches of low cloud at times around 600m and more so around any showers that may form over the tops, when the overall visibility may dip to moderate or poor for a time.

Temperature: **Valleys:** Plus 4 rising to 9 Celsius.
At 600m: Plus 4 Celsius.
Freezing level: 800m

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